



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111266

Mode: Highway

Status: Submitted

US-264

From/Cross Street: US 264

Specific Improvement Type: 4 - Upgrade Arterial to Superstreet

To: US 264 Alt./NC 42/ Ward Blvd.

Project Category: Regional Impact

Length: 6.02

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$18,126,000

Description:

Upgrading US 264 Alt. from Airport Blvd. (SR 1320) to US 264 Alt./NC 42/Ward Blvd. (SR 1516) to a Four-Lane Divided Boulevard with a 23 Foot Raised Landscaped Median, Sidewalks, and Wide Outside Lanes with Accommodations For Bikes. The Project Proposal For US264Alt. from US 264 Bypass to Airport Blvd. (SR 1320) includes Measure to Limit Access, Such As a Superstreet Design with Single Phased Lights For Protected Left Turns, Right-ins, Right-Outs, and Limited Driveways.

Division(s): Division 4

County(s): WILSON

MPOS(s)/RPO(s): Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 45.7

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 31.60	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (15%) 43.37		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 25.00		
[Travel Time] Benefit/Cost (20%) 9.77		
Totals: Weight: 70% Weighted Score: 15.7		

Division Needs Total Score: 10.97

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Lane Width (10%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
[Paved] Shoulder Width (10%) 25.00		
Safety (10%) 43.37		
[Travel Time] Benefit/Cost (10%) 9.77		
Congestion (V/C) (10%) 31.60		
Totals: Weight: 50% Weighted Score: 10.97		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	49
Length (miles):	6.02
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	18908.83
Capacity:	47196.92
Volume/Capacity Ratio:	0.4
% Autos:	96%
% Trucks:	4%
Truck Volume:	797.39
Crash Density:	38.74
Crash Severity:	47.16
Critical Crash Rate:	44.24
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	93
Actual Congested Speed:	35.04
Travel Time Index:	1.17

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	50
Length (miles):	6.02
Facility Type:	Superstreet
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	7910924.15
Travel Time Savings for 30 Years (Autos):	7577318.1
Travel Time Savings for 30 Years (Trucks):	333606.05
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Upper Coastal Plain RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$18,126,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$18,126,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$18,126,000	